

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK  
BROMOFLUOROBENZENE (BFB)

Lab Name: CHEMTECH Contract: PORT06  
Lab Code: CHEM Case No.: Q1514 SAS No.: Q1514 SDG NO.: Q1514  
Lab File ID: VN085913.D BFB Injection Date: 03/10/2025  
Instrument ID: MSVOA\_N BFB Injection Time: 10:54  
GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: Y/N N

| m/e | ION ABUNDANCE CRITERIA             | % RELATIVE ABUNDANCE |
|-----|------------------------------------|----------------------|
| 50  | 15.0 - 40.0% of mass 95            | 16.3                 |
| 75  | 30.0 - 60.0% of mass 95            | 48.7                 |
| 95  | Base Peak, 100% relative abundance | 100                  |
| 96  | 5.0 - 9.0% of mass 95              | 7                    |
| 173 | Less than 2.0% of mass 174         | 0.7 ( 1 ) 1          |
| 174 | 50.0 - 100.0% of mass 95           | 76.4                 |
| 175 | 5.0 - 9.0% of mass 174             | 6.7 ( 8.8 ) 1        |
| 176 | 95.0 - 101.0% of mass 174          | 76.4 ( 100.1 ) 1     |
| 177 | 5.0 - 9.0% of mass 176             | 5.6 ( 7.4 ) 2        |

1-Value is % mass 174

2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

| EPA<br>SAMPLE NO. | LAB<br>SAMPLE ID | LAB<br>FILE ID | DATE<br>ANALYZED | TIME<br>ANALYZED |
|-------------------|------------------|----------------|------------------|------------------|
| VSTDCCC050        | VSTDCCC050       | VN085914.D     | 03/10/2025       | 12:21            |
| VN0310WBL01       | VN0310WBL01      | VN085916.D     | 03/10/2025       | 13:22            |
| VN0310WBS01       | VN0310WBS01      | VN085917.D     | 03/10/2025       | 16:12            |
| VN0310WBSD01      | VN0310WBSD01     | VN085918.D     | 03/10/2025       | 16:47            |
| ENV-105-GW01      | Q1514-07         | VN085919.D     | 03/10/2025       | 17:11            |
| ENV-103-GW01      | Q1514-08         | VN085920.D     | 03/10/2025       | 17:35            |
| TB03062025        | Q1514-10         | VN085922.D     | 03/10/2025       | 18:23            |